antibodies.com

Datasheet for ABIN2781525 anti-ABCA5 antibody (C-Term)

3 Images



Overview

| Quantity: | 100 µL |
|----------------------|---|
| Target: | ABCA5 |
| Binding Specificity: | C-Term |
| Reactivity: | Human, Mouse, Rat, Dog, Cow, Rabbit, Horse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ABCA5 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC) |

Product Details

Alternative Name:

| Immunogen: | The immunogen is a synthetic peptide directed towards the C terminal region of human ABCA5 |
|-----------------------|---|
| Sequence: | HKEYDDKKDF LLSRKVKKVA TKYISFCVKK GEILGLLGPN GAGKSTIINI |
| Predicted Reactivity: | Cow: 79%, Dog: 86%, Horse: 86%, Human: 100%, Mouse: 93%, Rabbit: 86%, Rat: 93% |
| Characteristics: | This is a rabbit polyclonal antibody against ABCA5. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification: | Affinity Purified |
| Target Details | |
| Target: | ABCA5 |

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ABCA5 (ABCA5 Products)

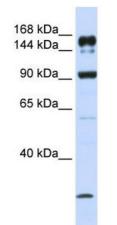
| Pookaround | The membrane-associated protein ABCA5 is a member of the superfamily of ATP-binding |
|---------------------|---|
| Background: | cassette (ABC) transporters. ABC proteins transport various molecules across extra- and |
| | intracellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, |
| | MDR/TAP, MRP, ALD, OABP, GCN20, and White). ABCA5 is a member of the ABC1 subfamily. |
| | Members of the ABC1 subfamily comprise the only major ABC subfamily found exclusively in |
| | multicellular eukaryotes. This gene is clustered among 4 other ABC1 family members on |
| | 17q24, but neither the substrate nor the function of this gene is known. Alternative splicing of |
| | this gene results in several transcript variants, however, not all variants have been fully |
| | described. The membrane-associated protein encoded by this gene is a member of the |
| | superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various |
| | molecules across extra- and intracellular membranes. ABC genes are divided into seven distinc |
| | subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, and White). This encoded protein is a |
| | member of the ABC1 subfamily. Members of the ABC1 subfamily comprise the only major ABC |
| | subfamily found exclusively in multicellular eukaryotes. This gene is clustered among 4 other |
| | ABC1 family members on 17q24, but neither the substrate nor the function of this gene is |
| | known. Alternative splicing of this gene results in several transcript variants, however, not all |
| | variants have been fully described. |
| | Alias Symbols: ABC13, DKFZp451F117, DKFZp779N2435, EST90625, FLJ16381 |
| | Protein Interaction Partner: NR4A1, CYP2E1, |
| | Protein Size: 1642 |
| Molecular Weight: | 186 kDa |
| Gene ID: | 23461 |
| NCBI Accession: | NM_018672, NP_061142 |
| UniProt: | Q8WWZ7 |
| Application Details | |
| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment: | Antigen size: 1642 AA |
| Restrictions: | For Research Use only |
| Handling | |
| | |

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Handling

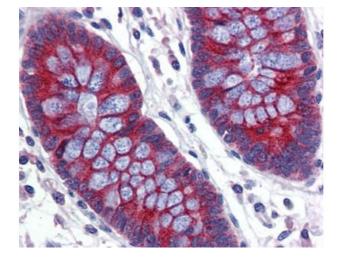
| Concentration: | Lot specific |
|--------------------|---|
| Buffer: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freeze-thaw cycles. |
| Storage: | -20 °C |
| Storage Comment: | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |

Images



Western Blotting

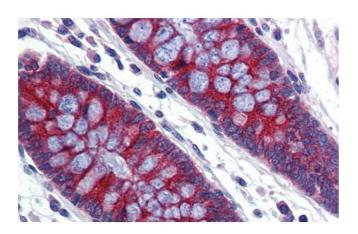
Image 1. WB Suggested Anti-ABCA5 Antibody Titration: 1 ug/ml Positive Control: MCF-7 whole cell lysates



Immunohistochemistry

Image 2.

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Immunohistochemistry

Image 3. Immunohistochemistry with Human Colon lysate tissue at an antibody concentration of 5.0ug/ml using anti-ABCA5 antibody

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